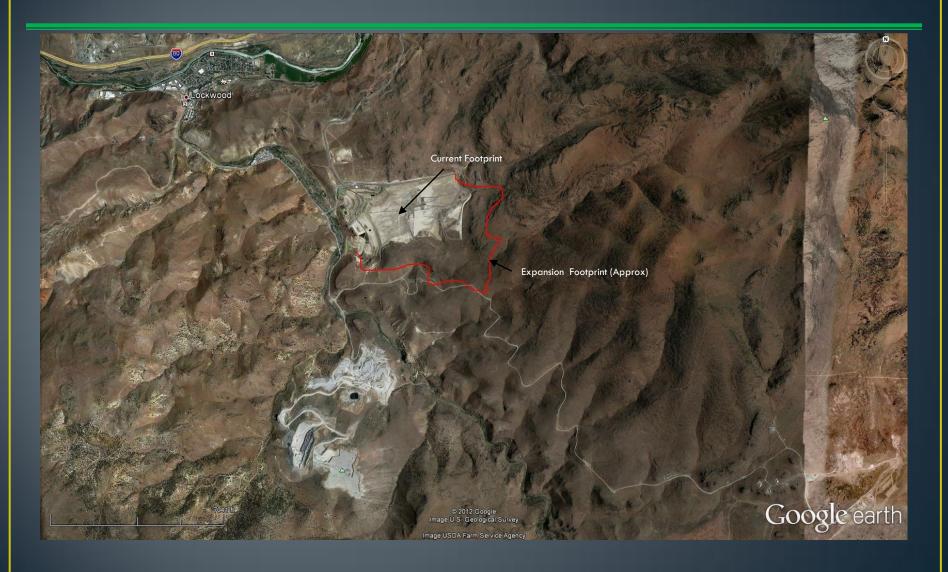




Lockwood Landfill Modification Presentation

- Landfill Overview
- Currently Permitted Specifications vs. Proposed
- Environmental & Operational Requirements
- Closure & Post-Closure Requirements
- Final In-Place Monitoring Network
- View From Lockwood
- Currently Permitted Final Grading Plan
- Landfill Progression 1 through 8 to Final Configuration
- Summary

Lockwood Landfill Overview ~ Storey County



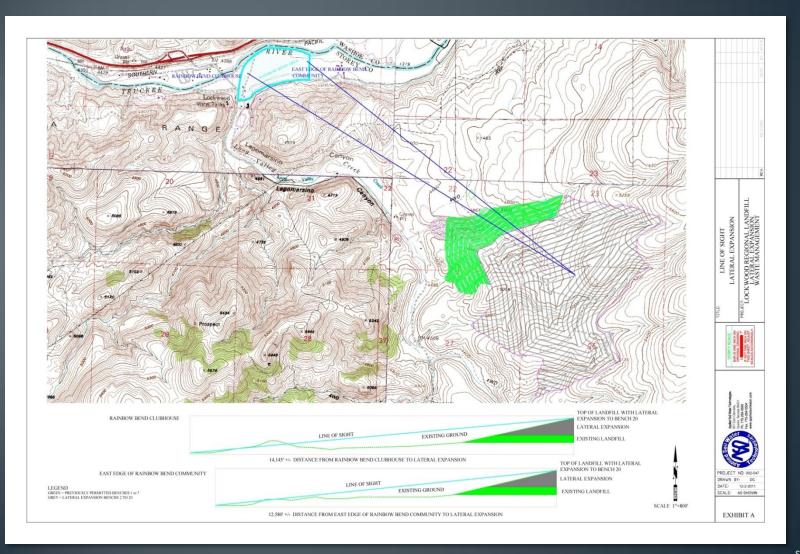
Environmental & Operational Requirements

- Monitoring and control of landfill gas
- √ Hazardous waste, PCB's prohibited
- ✓ Liquid waste prohibited
- ✓ Daily cover
- ✓ Litter control

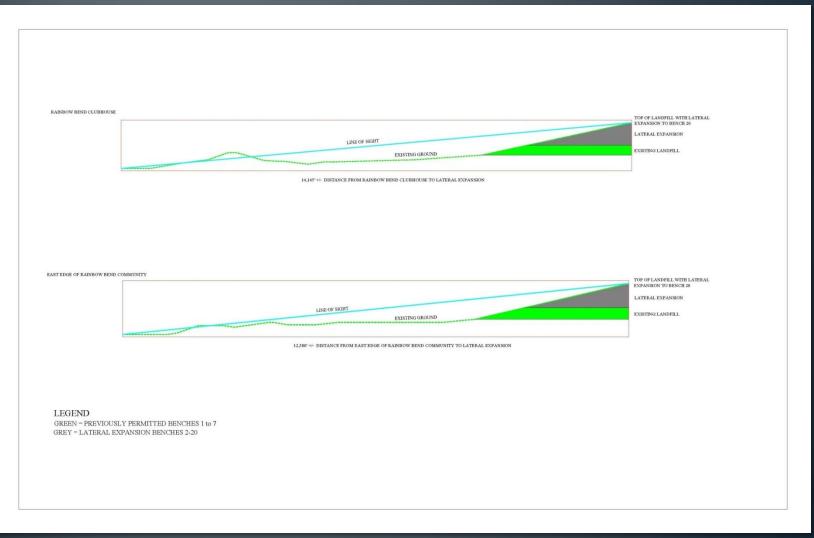
- ✓ A site specific Integrated Site-Wide Contingency Plan
 - to reduce the burden on local emergency services and provide for specific training for landfill personnel
- ✓ A focused site-wide Facility Monitoring Program
- Expanded Monitoring on the West side of Landfill to protect adjacent areas

View From Lockwood

Landfill progresses away from Truckee River & Lockwood



View From Lockwood



Current vs. Proposed Permitted Specifications

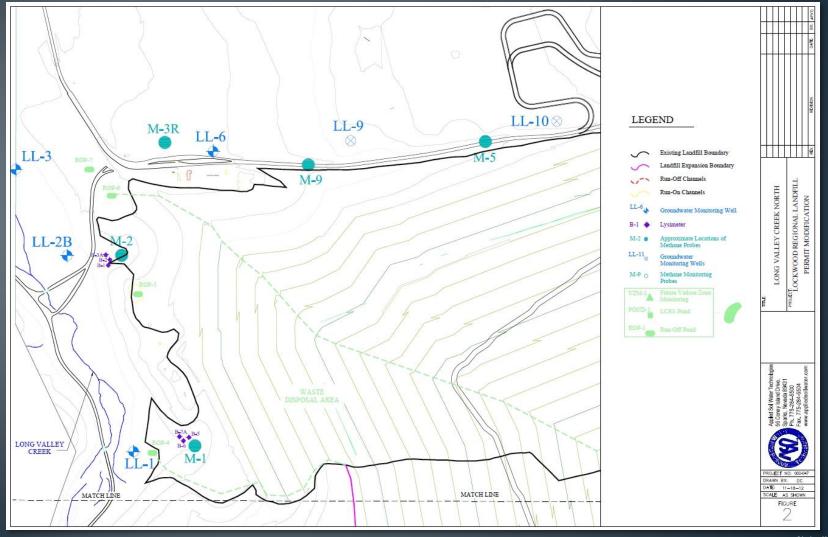
- Area 350 acres
- Volume 64.8(10⁶) yd³
- Wastes
 - MSW
 - C&D
 - Petroleum contaminated soils
 - Asbestos
 - Waste Tires
 - Biosolids (dry)
 - Animal Carcasses
- Monitoring Systems
 - Groundwater
 - Vadose Zone [2 Lysimeters]
 - Methane
- Design Standards
 - Approved Alternative Liner
 - System to control Runon and Runoff

- Area 805 acres
- Volume 250(10⁶) yd³
- Wastes No Change
 - Dedicated C&D area
- Monitoring Systems
 - Groundwater [6 additional wells]
 - Vadose Zone [[2 additional wells]
 - Methane [9 additional wells]
- Design Standards
 - HDPE Liner System [60 mio & 80 mil depending on slope]
- System to control Runon and Runoff
- Leachate Collection
 - Dedicated Collection for liquids generated by the Landfill
- Landfill Gas Control
 - Methane Monitoring/recovery and Controls

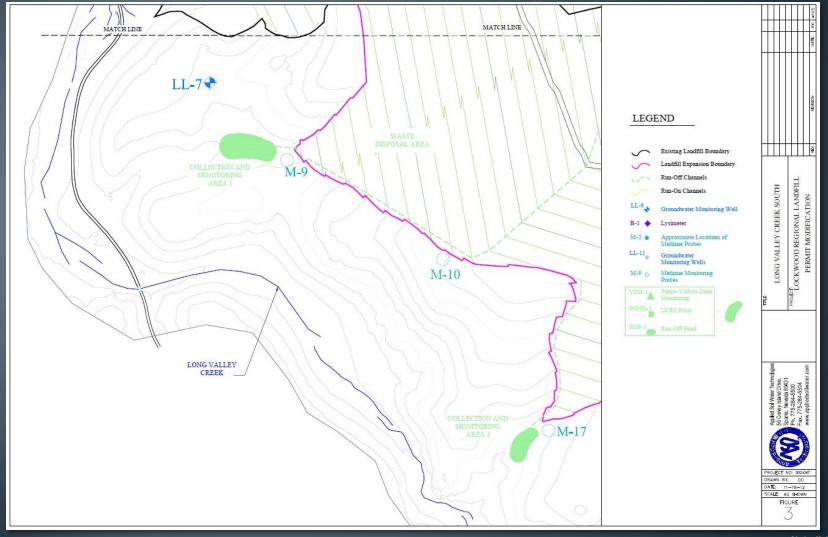
Lockwood Landfill Overview ~ Storey County

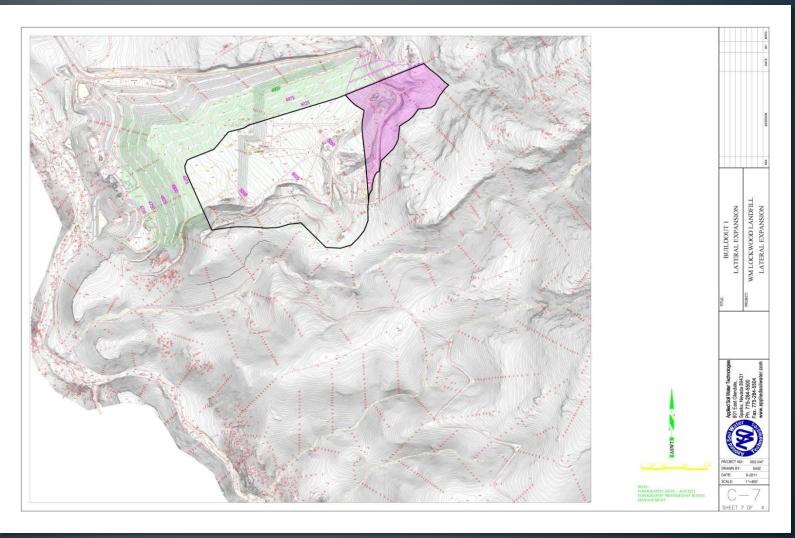


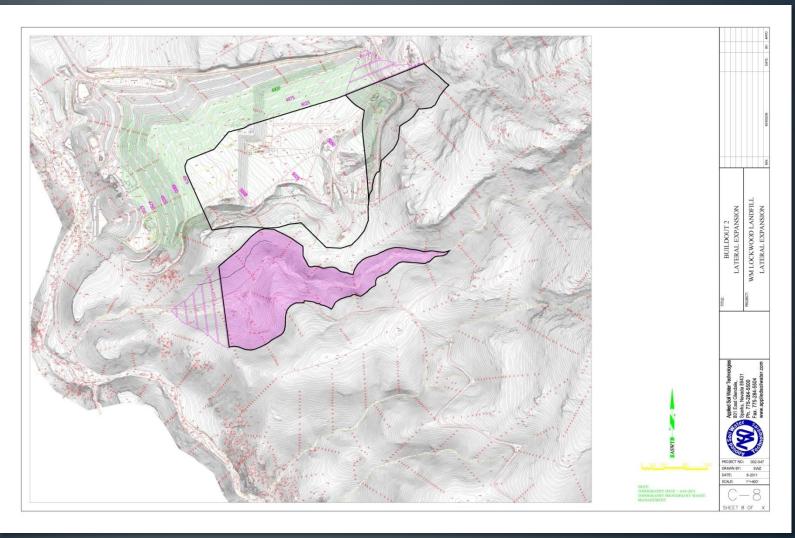
Lockwood ~ North Monitoring Network



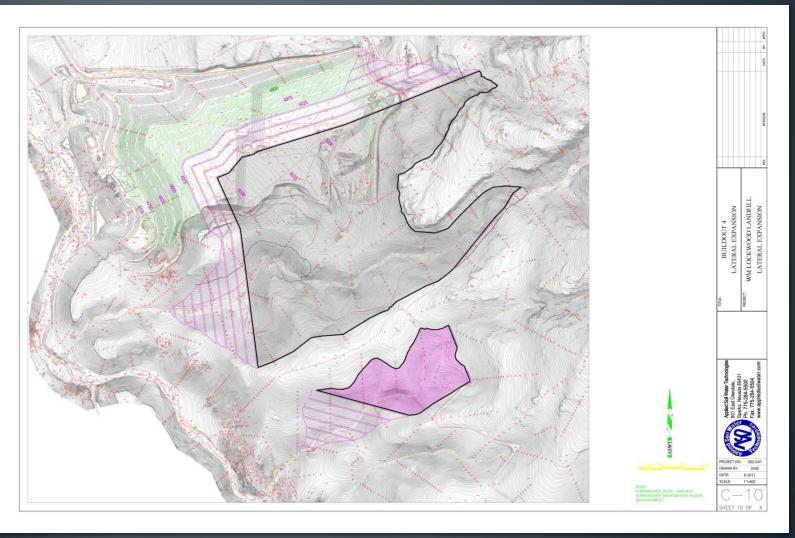
Lockwood ~ South Monitoring Network



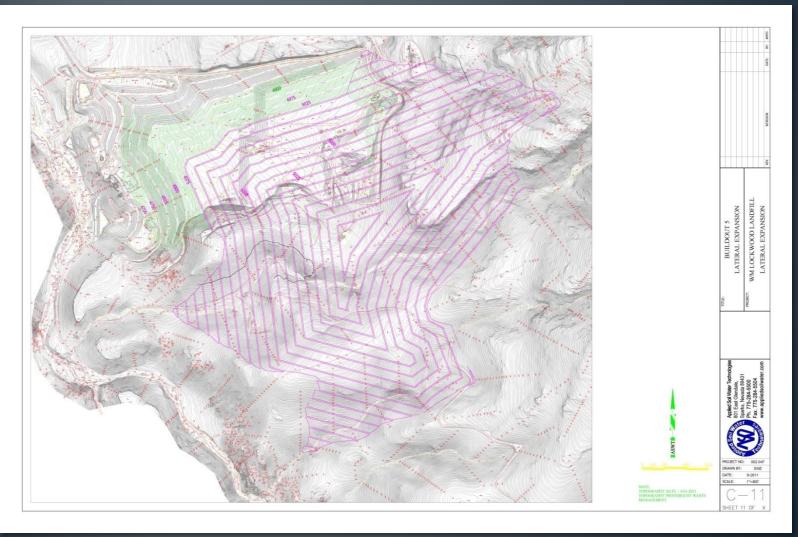




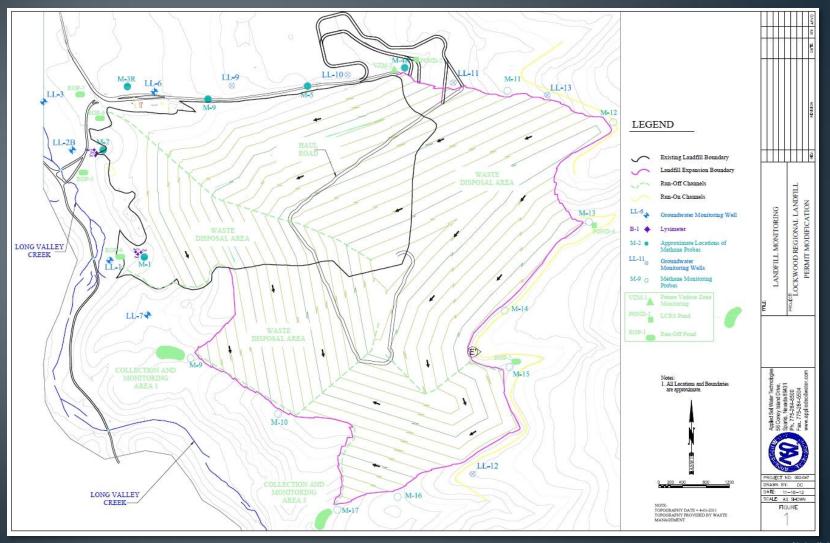




Phase 13 [Final]



Final Cover/Monitoring Network



Closure & Post-Closure Requirements

- ✓ Final Cover Construction supervised by Nevada PE
- ✓ Final Cover Maintenance & Monitoring
- ✓ Groundwater, Methane, Vadose and Leachate Monitoring
- √30 years of Post-Closure Care
- ✓ Ongoing Closure Certifications by NDEP
- ✓ Landfill/Leachate & Gas Collection
- ✓ Deed Restricted Land